

We hereby declare that the product identified as,

# AMR/S/D3.5/W175

conforms to the provisions of BS EN 845-3:2013+A1:2016, as **Bed Joint Reinforcement defined in 4.2.2 of the Standard**

Intended Use: **For structural uses in walls and partitions**

Approved Body: Lucideon Ltd, Queens Road, Penkhull, Stoke-on-Trent, Staffordshire, ST4 7LQ, United Kingdom

Approved Body Number: 1289

This product conforms to **System 3** - Assessment and Verification of Constancy of Performance. All necessary testing was conducted at the above approved body.

## Product Dimensions

Length:	<b>2700 ±1.5%</b>
Width:	<b>175 ±5mm</b>
Profile Height:	<b>2.9 ±0.4mm</b>
Longitudinal Wire Size:	<b>3.93 ±0.1mm</b>
Cross Wire Size:	<b>2.30 ±0.1mm</b>
Pitch of Cross Wires:	<b>450 ±3.0%</b>

## Performance

Characteristic Yield Strength of Longitudinal Wires:	<b>500N/mm<sup>2</sup></b>
Characteristic Yield Strength of Cross Wires:	<b>500N/mm<sup>2</sup></b>
Bond Strength:	<b>6568N</b>
Bond Length:	<b>450mm</b>
Anchorage Length:	<b>450mm</b>
Shear Load Capacity of Welds:	<b>2300N</b>
Mortar Class:	<b>General purpose ≥ M4</b>
Masonry Units:	<b>fb ≥ 5 N/mm<sup>2</sup></b>
Ductility:	<b>Normal</b>

## Durability

Durability - Material/Coating Reference: **R3 (Stainless Steel)**

**Dangerous Substances:** **None**

Authorised by:



Peter McDermott, Managing Director Europe West & APAC, on 1st January 2021 in Sheffield, UK.

Manufactured by Leviat

# Leviat

A CRH COMPANY

Ancon Ltd trading as Leviat  
President Way  
President Park  
Sheffield S4 7UR  
United Kingdom

+44 (0)114 275 5224  
info.ancon.uk@leviat.com  
Ancon.co.uk | Leviat.com